

On-site Homes, LLC  
2931 Breezewood Ave  
Suite 202  
Fayetteville, NC 28303

01/10/2022

Attention : Chris Greene  
David Sigmon  
Travina Love

**RE:** Daily Field Report for 01/07/2022  
HA 3930 Hillmon Grove Rd (CMT) Cameron, NC  
Building & Earth Project No : RD210964

Ladies and Gentlemen:

On this date, representative(s) of Building & Earth were present to perform construction material testing services at this project site. Our testing and observations for this date include the following:

**FO-3** : Field Observations made on this date.

- |                             |        |
|-----------------------------|--------|
| • Foundation Inspection     | Passed |
| • Project Management Review | Passed |

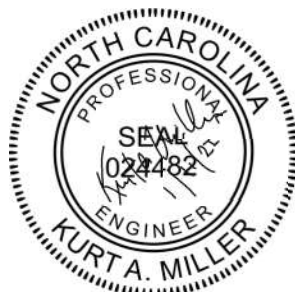
**ST-3** : In place field density testing was performed for Finished Subgrade Soils -Building. The field density testing was performed in general accordance with ASTM D1556, using the results of field one-point as compared to the laboratory proctors. One(1) in-place field density test was performed on this date. The testing results indicate that in-place compaction and moisture content at the location and depth tested meet or exceed the specified requirements outlined in the project plans and specifications. For additional details of our testing, please refer to the attached Field Density Test Report.

## Closing

**The testing and observations identified above have been reviewed by our project manager. If you have questions regarding this information, please do not hesitate to contact us.**

Respectfully Submitted,  
Building & Earth Sciences, LLP

**Enclosures** : FO-3, ST-3



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*Rachael Heath*

Reviewed By

## Field Observations Report

Project Name:	<b>HA 3930 Hillmon Grove Rd (CMT) Cameron, NC</b>	Project Number:	<b>RD210964</b>
Client Name:	<b>On-site Homes, LLC</b>	Placement#:	<b>FO-3</b>
Contractor:	<b>On-site Homes, LLC</b>	Technician:	<b>Bruce Rohr</b>
Monitoring:	<b>DCP</b>		

### 1 : Foundation Inspection

Passed

Our evaluation included hand rod probing and advancing hand auger with Dynamic Cone Penetrometer (DCP) testing. Based upon our hand rod probing, the soils are firm/loose to a depth of XX inches. To confirm these results, hand auger borings were advanced at 2 locations across the building envelope. At 12-inch increments in the hand auger boring, to a depth of 2 feet, Dynamic Cone Penetrometer (DCP) Testing was performed in accordance with ASTM STP-399. The following data was retrieved from this testing:

Test 1: [Front Right Corner]

-- Depth----"N"-----Soil Color---USCS-----Notes:  
--- ESG -- 7 --- Orange --- SC -----  
--- -1' --- 7.5 --- Tan ----- SM -----  
--- -2' --- 8 --- Tan ----- SP ----  
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Test 2: [Back Left Corner]

-- Depth----"N"-----Soil Color---USCS-----Notes:  
--- ESG -- 12 --- Orange --- SC -----  
--- -1' --- 15+ --- Orange ----- SC -----  
--- -2' --- 15+ --- Orange ----- SC -----

Soil Density Testing:

Soil density testing was performed using the sand cone method of compaction in general accordance with ASTM D1556. The results of our tests are attached as ST-1.

Results:

Based on our observations and test results, the newly placed fill/existing soils appear to be suitable to provide support for the floor slab and footings, provided the floor slab has a loading of less than 150 pounds per square foot, and the footings have a design bearing capacity of 2,000, or less.

### 2 : Project Management Review

Passed



On this date, our representatives returned to the site for re-testing. Based upon our re-testing, the recommended repairs have been accomplished, and the building pad is now acceptable for the placement of concrete.

Additionally, inclement weather (rain or snow), as well as construction traffic across the pad, can compromise the stability and support characteristics of the surface soils. If the surface soils become compromised, it will be necessary to return to the site for re-testing. This decision should be executed by your onsite Quality Control and Superintendents.

## Field Observations Report

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Client Name: <b>On-site Homes, LLC</b>	Placement#: <b>FO-3</b>
Contractor: <b>On-site Homes, LLC</b>	Technician: <b>Bruce Rohr</b>
Monitoring: <b>DCP</b>	

### Photographs

Picture ID	DCP 1
36611	
36612	

## Field Observations Report

Project Name: <b>HA 3930 Hillmon Grove Rd (CMT) Cameron, NC</b>	Project Number: <b>RD210964</b>
Client Name: <b>On-site Homes, LLC</b>	Placement#: <b>FO-3</b>
Contractor: <b>On-site Homes, LLC</b>	Technician: <b>Bruce Rohr</b>
Monitoring: <b>DCP</b>	

### Photographs

Picture ID	DCP 2 + Sand Cone
36613	

*Rachael Heath*

Reviewed By





**ST-3**

Test Date: 01/07/2022  
 Field Technician: Bruce Rohr  
 Tests requested by: N/R  
 Results provided to: N/R

**Report of Field Density Testing**

Project Name: HA 3930 Hillmon Grove Rd (CMT)      Ambient Temperature: 32-50  
 Cameron, NC  
 Project Number: RD210964      Weather: Mostly Sunny  
 Project Location: Cameron, NC      Wind Conditions: Calm  
 Client: On-site Homes, LLC      Results Provided To: N/R  
 Contractor: On-site Homes, LLC      Superintendent: N/R

- Notes:
- 1 Test location by technician
  - 2 Elevation by Contractor
  - 3 Fill/backfill placed prior to technician arriving

**Design & Specification Data**

Area ID	Area Description	Depth (ft)	Test Method	% Compaction	Moisture Range	
					Min	Max
FSG-Bldg	Finished Subgrade Soils -Building	0.0 - 2.0	ASTM D-698	95 %	- 10.0	+ 10.0

**Laboratory Proctors**

Proctor ID	Description of Material	USCS/AASHTO	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
1-point			112.5	11.0%

**Density Test Data**

Test #	IDs		Test Type	Location	Probe Depth (in)	Elev. (ft)	Dry Density(pcf)	% Moisture	% Compaction	Result
	Area	Proctor								
1	FSG-Bldg	1-point	ASTMD1556	Finished Subgrade Soils -Building : Back Left Corner :		FSG	110.2	9.4	98%	PASS

Equipment Used:      Standard Counts:      Density:  
 Last Calibration:      Moisture:

*Rachael Heath*

Reviewed By